A CLASS OF EVOLUTIONARY OPERATORS AND ITS APPLICATIONS TO ELECTROSEISMIC WAVES IN ANISOTROPIC, INHOMOGENEOUS MEDIA

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Abstract. In the framework of a comprehensive theory for a new class of evolutionary problems wellposedness of associated initial boundary value problems is considered. The dynamic linear model for electroseismic waves in anisotropic, inhomogeneous, time-shift invariant media is used as an illustration of the theory.


Keywords and phrases: electroseismic waves, poro-elastic media, memory.

REFERENCES